

CITY OF INKSTER

SISI INKSTER ROAD inketer, michigan 48141 AREA CODE 318 LO. 5-4100

Community Development

COMMUNITY MEETING OF THE LICENSING AND COMPLIANCE AGREEMENTS FOR ENVIRONMENTAL WASTE CONTROL, INC. 27140 PRINCETON AVENUE INKSTER,MI 48141

INKSTER RECREATION COMPLEX 2025 MIDDLEBELT ROAD INKSTER.MI 48141 7:30 p.m.

WEDNESDAY, SEPTEMBER 9, 1987

ACENDA

I. INTRODUCTION/PURPOSE OF THE MEETING

LILLIAN E. RANDOLPH, DIRECTOR COMMUNITY DEVELOPMENT

STATUS OF THE HAZARDOUS WASTE MANAGEMENT II. PERMIT

MICHIGAN DEPARTMENT OF NATURAL RESOURCES -

III. AIR POLLUTION/AIR QUALITY ISSUES PUBLIC COMMENT IN THE CONSENT AGREEMENT BETWEEN ENVIRONMENTAL WASTE CONTROL, INC. AND THE WAYNE COUNTY AIR POLLUTION CONTROL DIVISION (IN ACCORDANCE WITH CHAPTER 3 OF THE WAYNE COUNTY AIR POLLUTION CONTROL ORDINANCE OF 1985)

WAYNE COUNTY AIR POLLUTION CONTROL DIVISION OF THE WAYNE COUNTY HEALTH DEPARTMENT

IV. STATUS OF THE CONSENT AGREEMENT WITH THE CITY OF DETROIT WATER AND SEMERAGE DEPARTMENT, DEPARTMENT

CITY OF DETROIT WATER AND SEMERAGE

V. PROPOSED TIMETABLE AND SCHEDULE OF COMPLIANCE LILLIAN E. RANDOLPH, DIRECTOR **ACTIVITIES**

COMMENT DEVELOPMENT DEPARTMENT

VI. PUBLIC COMMENT AND QUESTIONS

VII. SUMMARY

VIII. ADJOURNMENT



CITY OF INKSTER, MICHIGAN

INKSTER CITY HALL 2121 INKSTER ROAD INKSTER, MI 48141 (313) 563-4232

OFFICE OF THE CITY MANAGER

October 7, 1987

Mr. Al Harvard
Department of Natural Resources
Hazardous Waste Division
P.O. Box 30038
Lansing, Michigan 48909

Dear Mr. Harvard:

RE: Act 64 Operators License Application Environmental Waste Control, Inc. 27140 Princeton Avenue Inkster, Michigan 48141

The City of Inkster has reviewed the Act 64 Operators License Application, buildings and zoning code conformance record, and current operations of Environmental Waste Control, Inc., and recommends denial of the Act 64 Operator License Application for that location. We find the company's operations are incompatible with the residential and light manufacturing environment and is not in compliance with the City's zoning ordinance.

The environmental effects of the adjacent areas are the following:

-Nauseous odor emissions which have a deteriorating effect on the health and safety of residents and employees located within 300-1,000 feet of the facility. These fumes and emissions are attributed to the company's operations which include processing of both hazardous and non-hazardous waste material. The nauseous odors are emitted in the atmosphere, and carried out with the cross winds. Odor is also emitted from dewatered, supposedly pretreated, liquid waste waters which are disposed in the City's sewer system. The odors travel to other properties, both residential and non-residential, in the area. Odor is also emitted during the transportation process; carried into the area by tanker trailers.



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October 14, 1987

Mr. Anthony Firavich - Pentagon Die and Manufacturing. Inc.

Mr. Leonard Cross - Alform, Inc.

Mr. John C. Marek - Local 985 UAW

Mr. Joseph Roberts - Carron & Company

Employees - Dusevoir Metal Products

Mr. William Ohisson - Plasteel Corporation

Mr. Ernest Lofton - Region 1A, UAW

Mr. Ron Brand - Allen Lumber Company

Ms. Janet Wilson - Peterson Machine Products Corporation

Mr. Lawrence Hladun - Proto Cast, Inc.

Mr. Richard Guenthardt - Carron & Company

Mr. Mark Megge - Carron & Company

Ladies and Gentlemen:

Due to the contact that you have had with the City of Inkster concerning the problems with Environmental Waste Control, Incorporated, I am forwarding a copy of the latest action taken by City of Inkster.

As you can see, the Mayor, Council, and City Administration are working to correct the situation.

Please feel free to contact me at any time and I hope that we will continue to work together.

Sincerely,

Grady Holmes, Jr.

City Manager

GH:ks WP8EWC

ZONING ANALYSIS/LICENSE RENEWAL

APPLICANT:

Environmental Waste Control, Inc. 27140 Princeton Avenue Inkster, Michigan 48141

REQUEST:

Renewal of the U.S. Environmental Protection Agency/Hazardous Waste Permit No. FM1DO57, 002602 at 27140 Princeton Avenue, Lots 14, 15 and 16, Westwood Subdivision of Van Alstine Farm.

EXISTING DEVELOPMENT:

Environmental Waste Control, Inc., is a licensed hazardous waste management facility which operated at the above location since 1971. The facility is adjacent to single family residential uses on the south, and industrial uses on the east, west and north. The Conrail Railroad serves as the northern boundary for the facility.

The adjacent uses are zoned M-1 Light Industrial District (north, east and west) and R-1-C One Family Residential District (south). The adjacent industrial uses consist of tool and die manufacturing; parts manufacturers serving the automotive and other industrial customers. Public access to and from Princess from the west is substandard and not directly accessible to Inkster Road. John Daly, a local collector street provides the only north/south access to Princeton east of the site.

Princeton Avenue is a local street which serves as the primary access for Environmental Waste Control, as well as, other industrial and residential uses. Princeton Avenue was not designed to accommodate industrial traffic and should be widened to 60 feet to accommodate heavy vehicles.

ZONING REQUIREMENTS:

The Inkster zoning ordinance permits industrial operations whose external principal effects are restricted to the immediate site and will have no detrimental effect on the adjacent area.

Mr. Al Harvard October 7, 1987 Page 2

-The transporting of untreated hazardous and non-hazardous waste onto an inferior street system which does not have the industrial capacity or the turning radius to accommodate tanker trailers. Princeton Avenue was not designed to accommodate the traffic. Further, the company has only one access street to the facility via John Daly. Both Princeton and John Daly cannot accommodate the traffic generated by the facility.

-The level of discomfort created by the odors has had an impact on the quality of life in the neighborhood. All companies have experienced the loss of productivity due to illness and discomfort created by the operations. The business and residential community cannot afford or accept the disruption created by unwanted, intolerable, nauseous fumes. The company does not compensate them for the loss.

Hazardous waste management facilities must be compatible with the environment; have the proper access; and cannot disrupt the lives and livelihood of adjacent property owners. While the company's license application describes the types of improvements to resolve on-site environmental problems, it does not address the off-site impacts or the area of compensation. In the final analysis, retrofitting the site with all above ground processing, odor abatement equipment, and resurfacing, resolves the problem of air, ground, and water treatment. It does not resolve odors emitted from untreated waste being transported into the plant; odors generated from the liquid waste run-off, and the transporting of odorous fumes within the sewer-system serving the entire area, or limited capacity of the street to provide safe access to the site.

The City of Inkster has met with the company's officials, the business and residential community, county and city agencies, and community leadership to review this issue. We are cognizant of the need to provide management facilities for thousands of tons of hazardous waste generated by Michigan business and industry annually. We need to recognize the legitimate site location issues and requirements necessary to accommodate hazardous waste management and disposal facilities. One issue is the inferior location of the facility. The second issue is interference and deprivation of the rights of businesses and residents from a clean, healthy and safe environment.

Mr. Al Harvard October 7, 1987 Page 3

Finally, licenses for any facility should not be renewed or issued when the operations have negative impact on the environment.

We are concerned that the current legislation does not contain the impact on the adjacent living environment; or the economic and land use impacts of the facility on site selection criteria for Act 64 facilities.

The attached report describes the specific concerns relating to zoning and off-site impacts of the facilities.

If you have any questions regarding this report or the City's recommendations, please contact me at 563-4232.

Sincerely,

Grady Holmes, Jr.

City Manager

GHJ:jn

Attachment

Processing or treatment of semi-finished products from previously prepared material is permitted, provided the operations do not have any detrimental impacts on the surrounding area. The facilities must comply with the zoning and building requirements as well as, other licensing requirements imposed to restrict the use.

The Inkster Planning Commission reviewed the site plan submitted to install several implements designed to comply with State and Federal hazardous waste management facility requirements.

- *Construct an 1125 square foot new filter press building/addition to the existing wastewater treatment building. The filter press building will have two additional filter presses designed to improve the treatment capacities of the plant.
- *Install four new 20,000 gallon tanks (#38, 39, 40 and 41) which will be contained within an eight foot high containment wall. Tanks 40 and 41 will be used for batch polishing tanks and tanks 38 and 39 will be used for holding and sampling tanks to improve the treatment capacities of the facility and comply with more stringent pre-treatment limits imposed by the City of Detroit.
- *Construct a 4000 square foot barrel storage platform (extending to the boiler house) to contain all drums which contain hazardous waste generators prior to treatment.
- Replace tanks #5, 6 and 14 in the containment unit no. 2 which is used to reclaim waste oils.
- *Replace tanks #17, 18 and 19, used to blend recycled oils to customer specifications.

*Install asphalt pavement throughout the site to reduce dust/particulate pollution.

*Close the sludge tank which is currently not in use.

These improvements are planned to enable the company to comply with Act 64 requirements.

Approval of the site plan was withheld by the Planning Commission on the site plan until the company provides plans, manufacturer's specifications and approval to install odor abatement equipment on all facilities subject to fumes and odors and that the company's license as a hazardous waste facility is approved by the Department of Natural Resources. APPROVAL WAS GIVEN FOR THE INSTALLATION OF THE FILTER PRESS FACILITY TO ENABLE THE COMPANY TO IMPLEMENT THE WASTEWATER TREATMENT IMPROVEMENTS IMMEDIATELY.

COMPREHENSIVE DEVELOPMENT PLAN RECOMMENDATIONS:

The City's Comprehensive Development Plan 2000 recommends this area be retained for industrial development and the southern residential properties to be developed for industrial or office related uses. The plan calls for a realignment of and widening of Princeton to accommodate industrial uses. These uses must comply with the minimum standards of the zoning ordinance which addresses any impacts on the adjacent uses.

THREAT OR POTENTIAL THREAT TO THE ENVIRONMENT:

The hazardous waste management activities of Environmental Waste Control should be reconsidered for the following reasons:
a) Risk and impact of accident during the transportation of hazardous waste.

- b) The risk and impact of contamination of ground and surface water by leaking and run-off from the proposed treatment, storage and disposal methods.
- c) The risk of fires or explosions from improper treatment, storage and disposal methods.
- d) The impact of the facility on municipal services including fire and police protection, health and safety and compliance with local zoning and development codes.
- e) The adverse impacts in the water and air quality, and public health and safety.

TRANSPORTATION ISSUES:

Environmental Waste Control must local streets for access to facility which are not designed to accommodate 30 to 40 deliveries daily. Westbound access to Princeton from Inkster Road is virtually nonexistent and encourages trucks to use residential streets as secondary access. John Daly Princeton lack the right-of-way to comply with industrial standards. The turning radius on Princeton is poor and requires improvement to accommodate truck turns.

Residents on Princeton and adjacent streets are directly affected by the truck traffic due to the poor access to the site as truckers often used west-bound residential streets to approach the Princeton site. Accidents during transportation of hazardous waste using the residential street system will place Inkster residents at risk.

GROUND AND SURFACE WATER CONTAMINATION:

The truck delivery and parking areas on site are unimproved and do not comply with the City's Zoning Ordinance (which requires improved and drained parking lots). Run-off of untreated wastewater and materials which may occur during the loading of drum containers received from waste generators; and the cleaning of various drum containers and trucks. These untreated spills are a source of soil contamination and odors which must be promptly maintained and cleaned. These untreated spills will not comply with the pre-treatment standards imposed by the City of Detroit Water and Sewage Department, and the City of Inkster's Property Maintenance Code.

The off-loading areas should be improved to reduce the threat of spillage of untreated wastes. The City should improve its monitoring of these incidents and order compliance with the zoning standards for parking and loading facilities.

AIR QUALITY ISSUES: .

The Wayne County Air Pollution Control Division is the enforcement and monitoring agency for the quality of air. Until recently, there was no air monitoring program being conducted to determine the type and content of airborne particulates which may injure the general health of the public or adjacent areas.

Environmental Waste Control has been the source of complaints over the last ten years of odors eminating from the processing of industrial wastes. The Wayne County Air Pollution Control Division has been the primary agency investigating these complaints and enforcing compliance.

Within the past six months, complaints on nauseous odors originating from Environmental Waste Control, Inc., has accelerated. Residents and employees within the area have complained of odors which disrupt their ability to complete their work assignments or enjoy their home environment. Numerous claims regarding health related hardships were made but has yet to be substantiated by medical evidence. The level of discomfort is described by residents although there is no empirical evidence yet.

The Wayne County Air Pollution Control Division and Environmental Waste Control, Inc., have entered into a consent order involving the installation of a permanent odor control system (fume scrubber) to control the odors from the waste. oil treatment process by March, Interim measures to control odors are reduce odor instituted to producing emissions until the system is installed. Coupled with the closing of two surface impoundments, these physical improvements should have an impact on the emission of nauseous odors (see attachment).

The City has no access to data to determine the quality of air within the facility and the adjacent areas. The City should obtain data to determine if the processing activities have any deleterious or deteriorating effects on air quality or health of the adjacent residents and employees.

FIRE PROTECTION/SECURITY:

The Security Management and Contingency Plan section of the application was reviewed and raises the following concerns: -Access to the tank facilities by fire-fighting and emergency equipment and personnel.

-Limited opportunity for fire safety inspection and joint training of personnel for hazardous waste emergencies.

-Improved monitoring of volatile wastes and processing conditions which may promulgate the protection of adjacent residents and personnel.

The City's building and fire protection ordinances adopted in 1986 calls for an annual inspection of all commercial and industrial buildings to assure they meet the property maintenance, zoning, building and fire protection codes within the City. These inspections will insure the City that the activities are not producing external effects on adjacent properties.

SUMMARY OF FINDINGS:

. Environmental Waste Control, Inc., is physically located in an area with limited transportation access for its vehicles, and less than 50 feet from a densely populated residential area. Given the current locational requirements for Act 64 facilities, this location would not be approved by the Michigan Department of Natural Resources, due to the proximity of a permanent population and inferior access to the site by its tank trailers. Given the potential for spillages. nauseous odors and risks to the public health and safety in processing these hazardous waste management activities and most industrial waste processing activities are not recommended for this location.

The City of Inkster can enforce ordinances including the zoning, nuisance, property maintenance, sanitation and traffic ordinances, to assure that Environmental Waste Control, Inc., does not impact adjacent properties with its activities. However, transporting of untreated industrial wastes, hazardous or non-hazardous, is still a source of odor emissions, soil contamination and toxic spills, which could ultimately endanger the lives of residents and employees alike during the transfer of the untreated wastes to the treatment tanks.

RECOMMENDATION:

That the City of Inkster recommend denial of the Act 64 Hazardous Waste Management Permit for 27140 Princeton as the processing and transportation of hazardous waste material will have a deteriorating effect on the area; the street access to the facility is inferior; the facility is located less than 50 feet from a developed substantially residential and business area; and will risk the public health and safety of residents and employees in the area. Hazardous waste activities are not in conformance with the City's zoning guidelines for permitted uses as it will effect adjacent properties.

The City of Inkster has no resources to respond to emergencies which may result in an accident involving the tankers or the processing of the material. Access to the facility is inferior and should not be used for the transporting of hazardous waste materials.

These activities should be relocated to an industrial area zoned for heavy industrial uses and have specific design requirements to eliminate any impacts to the adjacent properties.

Finally, renewal of the Act 64 Hazardous Waste Permit will affect the quality of life of over 1000 residents and 1000 employees in Inkster. Disinvestment prompted by the continuance of the nauseous odors and fumes will place the City's tax base in jeopardy. Therefore, relocation of the facility from this location is the only solution which protects the public health and safety of residents and businesses in the area.

RESOLUTION

RESOLVED by Councilman Johnson, seconded by Councilman O'Neil. that 87-10-492.

WHEREAS, the City of Inkster has reviewed the application submitted for the removal of an Act 64 License for Environmental Waste Control, Inc. at 27140 Princeton;

WHEREAS, the City has reviewed its conformity with the Zoning Ordinance, land use, transportation and air quality policies; and

WHEREAS, the company does not comply with the Wayne County Air Pollution Ordinance and the City of Detroit's pre-treatment standards; and

WHEREAS, Act 64's legislative intent does not exclude denial of operating licenses when the operations cause environmental damage.

NOW, THEREFORE, BE IT RESOLVED that the City of Inkster Council hereby recommends denial of the Act 64 Operators License for Environmental Waste Control, Inc. for that location because the operations have degraded the quality of the neighborhood environment by the nauseous fumes or odors generated by the processing activity; and

FINALLY BE IT RESOLVED that the City of Inkster recommends the facility be relocated to an industrial environment with sufficient road access and not adjacent to residential areas.

YEAS:

Councilmen Johnson, Hendricks, Berry, O'Neil, Colleran, Davis and

Mayor Miller.

NAYS:

None.

ABSENT: None.

I hereby certify that the foregoing is a true and correct copy of a Resolution adopted by the Council fo the City of Inkster, Wayne County, Michigan, at a Regular Meeting held October 5, 1987.

> Delphine G. Oden City Clerk ~

Inkster: Michigan



Generous gift

Daniel Rappaport, president of Environmental Waste Control, Inc., (at right) presents Inkster Police Chief James Buckley with a \$2,000

ing a problem: Coracil wants plant to clean

City council members served notice that they will no longer tolerate the stenching odors reportedly emanating from a waste processing plant located in the city's southeast corner.

Councilman James Colleran offered and the council approved a motion that would order the Environmental Waste Control. Inc.. to submit a timetable to improve air quality in the area or be faced with action that would include the city going on record

EWC's license renewal request is presently before the Departagainst EWC's application for license renewal.

Residents in the area have complained that odors coming from ment of Natural Resources and Wayne County.

the waste-processing plant have gradually become worst. "I also live in the area." said Councilman Ernest Hendricks. and, at times, the odor is so bad that it's nauseating. It is getting

City officials have submitted to ECM plant managers a list of air-pollution devices that, if installed at the plant, may correct out of hand down there. The list includes the installation of four tanks and a case proce hulding which would be conthe featured the literature of the

However, council member Parck O'Neil believes those assur-

"Environmental Waste has han a good neighbor in our com-

munity. O'Neil noted. "but I do want to go on record that if they numey. O then noted. How war as a second to the license. I we'd agree to the license. I we'd agree to the license. I believe there hasn't been enoughed the note of the license done odors and whatever is needed the note that is a few Lang and complete the license that is a few Lang and complete the license that is a few Lang and complete the license that is a few Lang and complete the license that license the license the license the license that the license the license the license the license that the license the license that the license the license that license the license the license that license the license that license the license the license that license that license the license that licen ances are not enough. That is why I am not comfortable having the city go on record

Mayor Pro Tem Joseph Davis, Jr. added that the problem of air approving their license renewal request. pollution in the area is not a recent one. "Odors from that plant to be a book a condition for the tree for the tree for the first book as a condition in the area. have been a problem for the last four to five years, and it's time

Councilman Willie Johnson informed his colleagues that efficers have criticized the council and mayor for not taking that we put a stop to it."

"People are saving that the council and the mayor ain't doing action in abating the pullition.

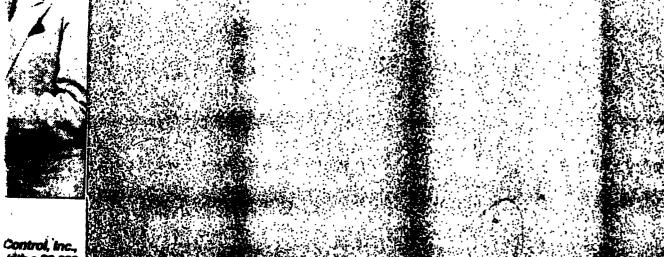
nothing to stop the odorst, "Johnson said, "We must take slep slo then the Latert Wisdon Harrison on the con-

renewal request and ask for citizen

Mayor Betty Miller asked if co orientation meeting (conducted council meetings), but Colleran re DNR revoke the plant's license.

"This type of operation doesn Colleran insisted and offered a that would order EWC officials for installing their air pollution The improvements would in closure.

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- Replacement tanks for N
- Replacement tanks for N $_{number\ 2};$
- Installation of four new 20 and of a summer of them



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Mayor Betty Miller asked if council members would prefer discussing what action should be taken at the next council orientation meeting (conducted Wednesdays on weeks prior to council meetings), but Colleran replied he would prefer to see the DNR revoke the plant's license.

"This type of operation doesn't belong in the city of Inkster." Colleran insisted and offered a motion, seconded by Hendricks, that would order EWC officials to submit to the city a timetable for installing their air pollution improvement equipment or face closure.

The improvements would include:

- A 1,125-square-foot new filter press building (addition to the existing Wastewater Treatment Building);
- a 4,000-foot-square barrel storage platform (extending to the boiler house):
- Replacement tanks for No. 5, 6 and 14 in containment unit number 2;
- Replacement tanks for No. 17, 18, and 19;
- Installation of four new 20,000 gallon tanks (three oil conditioning and one waste oil treatment tank)
- A 45-by-25 foot waste water treatment enclosure.

